

IN THE UNITED STATES DISTRICT COURT  
FOR THE MIDDLE DISTRICT OF ALABAMA  
NORTHERN DIVISION

JAMES KUCZMASKI, ADAM PIKE, )  
RYAN PHILLIPS, JOSH STONE, )  
SUHANE LOWERY, KEVIN BELL, )  
HAMP CRUM, III, and KEVIN MOORE, )  
individually and on behalf of all other persons )  
similarly situated, )  
Plaintiffs, ) CIVIL ACTION NUMBER:  
vs. ) 2:06-cv-731-MHT-SRW  
US FOODSERVICE, ) JURY DEMAND  
Defendant. )

**NOTICE OF FILING PLAINTIFF'S EXPERT DESIGNATION**

COMES NOW the plaintiff and gives notice of filing the attached plaintiff's expert designation  
(Exhibit "A").

Respectfully submitted,

/s/ Gregory O. Wiggins  
Gregory O. Wiggins  
Counsel for the Plaintiff

OF COUNSEL:

WIGGINS, CHILDS, QUINN & PANTAZIS, LLC  
The Kress Building  
301 19<sup>th</sup> Street North  
Birmingham, Alabama 35203  
205/314-0500

**CERTIFICATE OF SERVICE**

I do hereby certify that I have filed the above and foregoing by CM/ECF today, March 15, 2006, with copies being served on:

Tammy L. Baker  
Tamula R. Yelling  
Constangy, Brooks & Smith, LLC  
One Federal Place, Suite 900  
1819 Fifth Avenue North  
Birmingham, Alabama 35203

*/s/ Gregory O. Wiggins*  
Gregory O. Wiggins

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US FOODSERVICE,	)	
	)	
Defendant.	)	
	)	

**PLAINTIFFS' EXPERT DESIGNATION AS OF MARCH 14, 2007**

**DR. EDWIN L. BRADLEY**  
**DR. LIESL M. FOX**

My name is Edwin L. Bradley, Jr., Ph.D. and I am the CEO and founder of Quantitative Research Associates ("QRA"). QRA provides statistical and computing consulting services. I have applied statistical methodology in the fields of litigation, medical research and business applications for over 39 years. I have been accepted as an expert witness in both State and Federal Courts on a variety of issues, including employment discrimination. I am an author of over 215 publications and research papers. My work has appeared in scientific journals such as *American Statistician*, *Journal of the American Statistical Association*, *IMA Journal of Mathematics Applied in Business and Industry*, and *Technometrics*. I received my Ph.D. in statistics from the University of Florida in 1969.

I was a tenured Professor in the Department of Biostatistics at The University of Alabama at Birmingham ("UAB"), where I taught and conducted research for 28 years. I am currently Professor Emeritus of Biostatistics at UAB. A copy of my curriculum vitae is attached hereto. My time for possible backpay calculations in this case will be billed at the rate of \$425 per hour, and for testifying at the rate of \$600 per hour.

Liesl M. Fox, Ph.D., is a Senior Consultant at QRA, where she has been employed since 1997. Dr. Fox has been a statistical consultant for over twelve years, including applications in the fields of litigation and medical research, and has been deposed as an expert witness. She specializes in data analysis and the application of statistical methodology to determine whether various employment practices, such as hiring and promotional policies, are discriminatory. Her responsibilities include database preparation and management, and acquiring Census and other statistical source data. Dr. Fox is an author of several research articles. She received her Ph.D. in biostatistics from UAB in 1997. A copy of her curriculum vitae is attached hereto. Her time for possible backpay calculations in this case will be billed at the rate of \$275 per hour, and for testifying at the rate of \$390 per hour.

We have been asked by counsel for the plaintiff to calculate possible backpay figures for the plaintiffs and any potential opt-in plaintiffs at a date in the future. If backpay calculations are needed, we will provide said backpay figures based on defendant's payroll records, work schedules, and other documents related to the position of Order Selector. However, to date, all needed information has not been provided by the defendant.

We may also do other statistical analysis that may be necessary after the data and/or documents are received from the defendant. This designation will be updated as discovery is received from defendant.

Edwin Bradley, Ph.D.

Edwin L. Bradley, Ph.D.

Liesl M. Fox

Liesl M. Fox, Ph.D.

March 14, 2007

CURRICULUM VITAE

**EDWIN LUTHER BRADLEY, JR.**

CEO, Quantitative Research Associates  
2015 Kentucky Avenue  
Vestavia Hills, Alabama 35216  
Phone: (205) 979-2991

RESIDENCE: 1836 Catala Road  
Vestavia Hills, Alabama 35216  
Phone: (205) 822-8428

PERSONAL DATA: Born July 16, 1943 in Jacksonville, Florida.  
Married, three grown children.

EDUCATION: Bachelor of Science (with honors), August 1964  
Mathematics Major  
University of Florida

Master of Statistics, April 1967  
Statistics Major  
University of Florida

Doctor of Philosophy, December 1969  
Statistics Major  
University of Florida

PRIMARY ACADEMIC APPOINTMENTS:

1997-Present Professor Emeritus  
Department of Biostatistics  
University of Alabama at Birmingham

1988-1997 Professor  
Department of Biostatistics  
University of Alabama at Birmingham

1976-1988 Associate Professor  
Department of Biostatistics  
(Formerly Biostatistics and Biomathematics)  
University of Alabama at Birmingham  
(Vice Chairman, 1978-1982)

1970-1976 Assistant Professor  
Department of Biostatistics  
University of Alabama at Birmingham

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SECONDARY ACADEMIC APPOINTMENTS AND OTHER PROFESSIONAL EXPERIENCE:

1973-1997	Professor, Associate Professor, Assistant Professor Department of Mathematics University of Alabama at Birmingham
1978-1980	Associate Diabetes Research and Training Center University of Alabama at Birmingham
1970-1977	Investigator Institute of Dental Research University of Alabama at Birmingham
1968-1969	Statistical Consultant Patuxent Wildlife Research Center Department of Interior Gainesville, Florida
1966-1969	Computer Programmer and Statistical Consultant University of Florida Gainesville, Florida
1965	Computer Programmer Lockheed-Georgia Company Marietta, Georgia

ADMINISTRATIVE APPOINTMENTS AND ACTIVITIES:

1993-1996	Member, Financial Aid Committee School of Public Health University of Alabama at Birmingham
1989-1997	Director, Graduate Program in Biostatistics Department of Biostatistics (Formerly Biostatistics and Biomathematics) University of Alabama at Birmingham
1989-1995	Member, Advisory Committee Postdoctoral Training Program in Caries Research University of Alabama at Birmingham
1985-1997	Chairman, Graduate Committee Department of Biostatistics (Formerly Biostatistics and Biomathematics) University of Alabama at Birmingham

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ADMINISTRATIVE APPOINTMENTS AND ACTIVITIES: (Continued)

1978-1982	Vice Chairman Department of Biostatistics University of Alabama at Birmingham
1979	Participant, UAB Funding Institute Office of Research and Grants Administration University of Alabama at Birmingham
1972-1973	Member, Accreditation Self Study Council Division of Biophysical Sciences University of Alabama at Birmingham

ASSOCIATIONS AND MEMBERSHIPS:

- The Biometric Society, 1970 - Present
- American Statistical Association , 1970 - Present  
     Member, National Council, 1982 - 1983
- Alabama Chapter of American Statistical Association, 1970 - Present  
     Secretary-Treasurer, 1978-1979  
     Vice-President, 1980-1981  
     President, 1982-1983

HONORS AND AWARDS:

- Phi Eta Sigma - Freshman Honorary, Elected 1962
- Pi Mu Epsilon - Mathematics Honorary, Elected 1963
- Phi Kappa Phi - Scholastic Honorary, Elected 1964
- Sigma Xi - Scientific Honorary, Elected 1982
- Emmett B. Carmichael Award for the Outstanding Paper in the Journal of the Alabama Academy of Science, 1987.
- American Men and Women of Science

REVIEW REFEREE FOR THE FOLLOWING JOURNALS:

- American Journal of Medical Sciences
- Fertility and Sterility
- Anesthesiology
- Alabama Journal of Medical Science
- Hypertension Journal
- Technometrics
- Journal of the American Statistical Association
- American Statistician
- Annals of Neurology
- Clinical Trials

RESEARCH INTERESTS:

- Statistical Computing
- Statistical Modeling
- Statistical Methodology and Applications

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TEACHING ACTIVITIES:

- Statistical Analysis
- Statistics in Biology
- Design of Experiments
- Probability
- Inference
- Least Squares
- Nonparametric Statistics
- Discrete Data Analysis
- Stochastic Processes
- Biometrical Consulting in Research
- Nonlinear Data Analysis
- Multivariate Analysis
- Advanced Analysis

MASTERS' THESES AND PROJECTS DIRECTED:

Martha Perry Roton (1974): Statistical Inference in the Multinomial Distribution with Applications to Human Blood Groups. University of Alabama at Birmingham.

Wayne R. Satterwhite (1977): An Evaluation of a Cancer Rehabilitation Project. University of Alabama at Birmingham.

Sharon Truelove (1978): Models for the Prediction of the Survival of Patients Undergoing Primary Surgery for the Tetralogy of Fallot. University of Alabama at Birmingham.

Ray Allen McKinnis (1979): A Statistical Analysis of Burn Patient Care at the University of Alabama Hospital Burn Service. University of Alabama at Birmingham.

Gretchen A. Cloud (1982): An Exponential Family of Models. University of Alabama at Birmingham.

Carl M. Russell (1988): Two Approaches to Modeling the Mineral Density Profile of Dental Hard Tissues Exposed to Demineralizing Conditions. University of Alabama at Birmingham.

Tonya O. McMillan (1990): The Estimation of Cross - Correlation Coefficients in the Presence of Missing Data. University of Alabama at Birmingham.

Ellen S. Caldwell (1992): Comparing the Effects of Intervention Drugs on Cardiovascular Response to Intubation -- A Meta Analysis. University of Alabama at Birmingham.

Liesl M. Fox (1995): The Pseudo-Binomial Distribution: Applications in Survival Analysis. University of Alabama at Birmingham.

Traci E. Clemons (1996): The Overlapping Coefficient for Two Normal Probability Functions with Unequal Variances. University of Alabama at Birmingham.

Claudia C. Powell (1997): Least Squares Parameter Estimation for the Three-Parameter Weibull Distribution. University of Alabama at Birmingham.

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DOCTORAL DISSERTATIONS DIRECTED:

David Naftel (1978): A Generic Family of Survival Distributions. University of Alabama at Birmingham.

Henry F. Inman (1984): Behavior and Properties of the Overlapping Coefficient as a Measure of Agreement between Distributions. University of Alabama at Birmingham.

Larry G. Blackwood (1989): Contributions to the Theory and Application of the Rasch Model. University of Alabama at Birmingham.

Carl M. Russell (1992): A Simulation Study of Multivariate Randomization Testing Applied to Radiographic Cephalometry. University of Alabama at Birmingham.

Tonya M. Smoot (1993): The Use of Cubic Spline Interpolation in the Analysis of Incomplete Stationary Time Series. University of Alabama at Birmingham.

Traci E. Clemons (1997): A Nonparametric Approach to Estimating the Overlapping Coefficient Using the Kernel Estimation Technique. University of Alabama at Birmingham.

Liesl M. Fox (1997): An Exploration of the Pseudo-Binomial Distribution With Applications to Survival Curve Confidence Intervals. University of Alabama at Birmingham.

PRESENTATIONS AND INVITED SEMINARS:

The Queue GI/M/1 with Balking at Queues of a Fixed Length. Alabama Chapter, American Statistical Association. Tuscaloosa, Alabama, February 21, 1970.

The Effect of pH and Hexamine Concentration upon the Extinction of E. Coli. Alabama Chapter, American Statistical Association, Birmingham, Alabama, February 27, 1971.

A Sufficient Condition for the Equivalence of Maximum Likelihood and Weighted Least Squares Estimates. Alabama Chapter, American Statistical Association, Birmingham, Alabama, June 17, 1972.

The Overlapping Coefficient as a Measure of Agreement between Distributions, with S. Piantadosi. Alabama Chapter, American Statistical Association, Birmingham, Alabama, February 27, 1982.

Some Discrete Distributions Useful in Dentistry. Caries Epidemiology and Clinical Trials Seminar Series, School of Dentistry, Winter, 1983.

Overlapping Coefficient: A Measure of Agreement Between Distributions, with Steven Piantadosi and Henry F. Inman. Biometric Society (ENAR), Spring Meeting, Nashville, March 20-23, 1983.

The Overlapping Coefficient as a Measure of Association in 2 x k Contingency Tables. With H. Inman. Alabama Chapter, American Statistical Association, Birmingham, Alabama, February 4, 1984.

Statistical Approaches for the Analysis of Anesthetic Mortality. Anesthesiology Residents Research Conference, University of Alabama at Birmingham, Fall 1984.

Power Analysis in Statistics. Anesthesiology Residents Research Conference, University of Alabama at Birmingham, Winter 1985.

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PRESENTATIONS AND INVITED SEMINARS: (Continued)

Probit Analysis and Isoboles. Biostatistics Seminar Series, University of Alabama at Birmingham, Winter, 1986.

A Generalized and Unified Model for Predicting Long Term  $^{222}\text{RN}$  Concentrations from Short Term Screening Tests, with J.M. Hardin. Third Environmetrics Conference, Madison, Wisconsin, October, 1991.

The Flat Maximum Effect and Generic Linear Scoring Models: A Test, with George A. Overstreet and Robert S. Kemp. Conference on Credit Scoring and Credit Control II, University of Edinborough, Scotland, September, 1991.

TECHNICAL REPORTS:

Saw JG, **Bradley EL** (1969): The proportion of baulking customers in the queue GI/M/1 with baulking at queues of length N. Project Themis. Technical Report No. 15. University of Florida.

Saw JG, **Bradley EL** (1969): A reordering policy with instantaneous emergency delivery. Project Themis. Technical Report No. 16, University of Florida.

Lyle ES, Jr Patterson RM, Hicks DR, **Bradley EL** (1975): Polymorphic site index curves for natural sweetgum in Alabama. Agriculture Experiment Station, Auburn University. Circular 220, October.

PUBLICATIONS:

**Bradley EL** (1969): Queues with baulking and their application to an inventory problem. Doctoral dissertation, University of Florida.

Hunt DE, **Bradley EL**, Bachman JW (1970): Microbiological assay for estimating salivary concentrations of the cariostatic antibiotic actinobolin. *Applied Microbiology*, 20(4):583-586.

Legler DW, Mayhall CW, **Bradley EL** (1972): Behavioral characteristics of disadvantaged adult patients. *Journal of Public Health Dentistry*, 32(1):15-21.

Formicola AJ, Grupe HE, **Bradley EL**, Weatherford TW, Hunt DE (1972): A clinical evaluation of a proteolytic enzyme mouthwash on plaque and gingivitis in children. *The New York State Dental Journal*, 38(6):334-340.

**Bradley EL**, Saw JG (1972): Choosing the optimum lot size for a reordering policy with instantaneous emergency deliveries. *Technometrics*, 14 (4):931-934.

Stickley Jr AR, Mitchell RT, Health RG, Ingram CR, **Bradley EL** (1972): A method for appraising the bird repellency of 4-aminopyridine. *The Journal of Wildlife Management*, 36(4):1313-1316.

**Bradley EL** (1973): The equivalence of maximum likelihood and weighted least squares estimates in the exponential family. *Journal of the American Statistical Association*, 68(341):199-200.

Zuniga MA, Lopez H, Sandham HJ, **Bradley EL**, Koulourides T (1973): Calcium and phosphorous contents of dental plaques and microhardness changes of sample enamel in the human mouth. *Alabama Journal of Medical Sciences*, 10 (1):3-10.

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PUBLICATIONS (Continued):

Thomas JP, **Bradley EL** (1973). Tetracycline effect on calcification of the molars of rat offspring. *Alabama Journal of Medical Sciences*, 10(1):89-97.

Ikeda T, Sandham HJ, **Bradley EL** (1973): Changes in streptococcus mutans and lactobacilli in plaque in relation to the initiation of dental caries in negro children. *Archs Oral Biology*, 18:555-556.

Robinson G E, **Bradley EL** (1974): TEAM vs. DAU: A study of clinical productivity. *Medical Care*, 12(8):693-708.

Sapsford RN, Blackstone EH, Kirklin JW, Karp RB, Kouchoukos NT, Pacifico AD, Roe CR, **Bradley EL** (1974): Coronary perfusion versus cold ischemic arrest during aortic valve surgery: A randomized study. *Circulation*, 49:1190-1199.

Balch CM, Morgan JM, Sterling WA, **Bradley EL**, Diethelm AG (1975): Kidney transplantation in patients with end stage congenital renal disease. *The American Journal of Surgery* 130:303-308.

Gonzalez M, Feagin F, **Bradley EL** (1975): Factors affecting mineral accretions in the enamel-solution interface. *Journal of Dental Research*, 54(Spec No B):B121-125

Turner ME, **Bradley EL**, Kirk KA, Pruitt KM (1976): A theory of growth. *Mathematical Biosciences*, 29:367-373.

Graham BV, Turner ME, Holland R, **Bradley EL**, Burdeshaw JA (1976): Wavelength discrimination derived from color naming. *Vision Research*, 16:559-562.

Andriopoulos NA, Mestecky J, Miller EJ, **Bradley EL** (1976): Antibodies to native and denatured collagens in sera of patients with rheumatoid arthritis. *Arthritis and Rheumatism*, 19(3):613-617.

Blackstone EH, Kirklin JW, **Bradley EL**, DuShane JW, Appelbaum A (1976): Optimal age and results of repair of large ventricular septal defects. *The Journal of Thoracic and Cardiovascular Surgery*, 72(5):661-679.

Feagin FF, Thiradilok S, Aponte-Merced L, **Bradley EL** (1977). Effects of bicarbonate on remineralization of enamel. *Journal of Oral Pathology*, 6:331-337.

Conrad ME, Knodell RG, **Bradley EL** (1977): Risk factors in transmission of non-A, non-B, posttransfusion hepatitis; the role of hepatitis B antibody in donor blood. *Transfusion*, 17(6):579-585.

Van Loon P, Klip W, **Bradley EL** (1977): Length-force and volume- pressure relationships of arteries. *Biorheology*, 14:181-201.

McGuire RA, Pretlow TG, Wareing TH, **Bradley EL** (1979): Hodgkin's cells and attached lymphocytes: A possible prognostic indicator in splenic tumor. *Cancer*, 44(1):183-187.

Retief DH, Barbakow FH, Friedman M, Bischoff JI, van der Merwe EHM, **Bradley EL** (1979): Kenhardt revisited - A study in a high fluoride area. *Journal of the Dental Association of South Africa*, 34:427- 433.

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PUBLICATIONS (Continued):

Legler DW, Hughes ML, **Bradley EL** (1979): Utilization of prepaid dental health care by students in health professional schools. *American Journal of Public Health*, 69(10):1017-1020.

Retief DH, **Bradley EL**, Barbakow FH, Friedman M, van der Merwe EHM, Bischoff JI (1979): Relationships among fluoride concentration in enamel, degree of fluorosis and caries incidence in a community residing in a high fluoride area. *Journal of Oral Pathology*, 8:224-236.

Stilwell DJ, Irvin MD, Levitt RA, Cross K., **Bradley EL**, Horn C (1980): Naloxone and shuttlebox self-stimulation in the rat. *Pharmacology, Biochemistry and Behavior*, 13:739-742.

Williams JB, Karp RB, Kirklin JW, Kouchoukos NT, Pacifico AD, Zorn GL, Blackstone EH, Brown RN, Piantadosi S, **Bradley EL** (1980): Considerations in selection and management of patients undergoing valve replacement with glutaraldehyde-fixed porcine prostheses. *Annals of Thoracic Surgery*, 30(3):247-258.

Retief DH, Sorvas PG, **Bradley EL**, Taylor RE, Walker AR (1980): In vitro fluoride uptake, distribution and retention by human enamel after 1- and 24-hour application of various topical fluoride agents. *Journal of Dental Research*, 59(3):573-582.

Piantadosi S, **Bradley EL** (1980): Letter to the Editor re: Mixed venous blood gases. *Annals of Emergency Medicine*, 9(11):597-598.

Green CL, Pretlow TP, Tucker KA, **Bradley EL**, Cook WJ, Pitts AM, Pretlow TG (1980): Large capacity separation of malignant cells and lymphocytes from the furth mast cell tumor in a reorienting zonal rotor. *Cancer Research*, 40:1791-1796.

Prchal J, Skalka H, Clements RS, **Bradley EL**, Conrad ME, Pittman C (1980): Diabetes and risk of cataract development. *Metabolic & Pediatric Ophthalmology*, 4:185-189.

Boots LR, Dollar JR, Cornwell PE, **Bradley EL** (1981): Transcervical endometrial biopsy in the baboon: effects on the menstrual cycle and relations to protein and dry matter content and histology. *Am J Primatology*, 1:427-437.

Legler DW, McGhee JR, Lynch DP, Mestecky JF, Schaefer ME, Carson J, **Bradley EL** (1981): Immunodeficiency disease and dental caries in man. *Arch Oral Biol*, 26:905-910.

Katz NM, Blackstone EH, Kirklin JW, **Bradley EL**, Lemons JE (1981): Suture techniques for atrioventricular valves. *Journal of Thoracic and Cardiovascular Surgery*, 81(4):528-536.

Navia JM, Lopez H, **Bradley EL** (1981): Biological rat assay for total fluoride availability in foods. *J Nutr*, 111:755-761.

Gibbs M, Retief DH, **Bradley EL**, Taylor RE, Walker AR (1981): In vivo enamel fluoride uptake from and caries inhibition by topical fluoride agents. *J Dent Res*, 60(4):770-775.

Sadowsky PL, Retief DH, **Bradley EL** (1981): Enamel fluoride uptake from orthodontic cements and its effect on demineralization. *Am J Orthod*, 79(5):523-534.

Zampella EJ, **Bradley EL**, Pretlow, T.G. (1982): Glucose-6-phosphate dehydrogenase: a possible clinical indicator for prostatic carcinoma. *Cancer*, 49(2):384-387.

Edwin L. Bradley, Jr., PhD  
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PUBLICATIONS (Continued):

Moore MR, Conrad ME, **Bradley EL**, Prchal JT (1982): Studies of nicotinamide adenine dinucleotide methemoglobin reductase activity in a jewish population. *Amer J of Hematology*, 12:13-18.

Benediktsson S, Retief DH, **Bradley EL**, Switzer P (1982): The effect of contact time of acidulated phosphate fluoride on fluoride concentration in human enamel. *Archs Oral Biology*, 27:567-572.

Whitehurst GB, Mashburn JP, Pretlow TG, **Bradley EL**, Boohaker EA (1982): Prostatic hexosaminidase activity in patients with benign prostatic hyperplasia and prostatic carcinoma. *Cancer Research*, 42:4300-4303.

Pretlow TG, Whitehurst GB, Pretlow TP, Hunt RS, Jacobs JM, McKenzie DR, McDaniel HG, Hall LM, **Bradley EL** (1982): Decrease in creatine kinase in human prostatic carcinoma compared to benign prostatic hyperplasia. *Cancer Research*, 42:4842-4848.

Sadowsky PL, Retief DH, **Bradley EL**, (1983): Acid resistance of enamel exposed to fluoride-containing orthodontic cements. *Amer J Orthod*, 83(1):33-37.

Retief DH, **Bradley EL**, Holbrook M, Switzer P (1983): Enamel fluoride uptake, distribution and retention from topical fluoride agents. *Caries Research*, 17:44-51.

Boots LR, Cornwell PE, Donahue MA, **Bradley EL** (1983): Vitamin fluctuations in the blood of female baboons in relation to normal menstrual cycles, treatments with lo-ovral or depo-provera and a selected vitamin supplement. *The American Journal of Clinical Nutrition*, 37:518-531.

Blackwell RE, **Bradley EL**, Kline LB, Duvall ER, Vitek JJ, Devane GW, Chang RJ (1983): Comparison of dopamine agonists in the treatment of hyperprolactinemic syndromes: a multicenter study. *Fertility and Sterility*, 39(6):744-748.

Harris BE, Pretlow TP, **Bradley EL**, Whitehurst GB, Pretlow TG (1983): Arginase activity in prostatic tissue of patients with benign prostatic hyperplasia and prostatic carcinoma. *Cancer Research*, 43:3008-3012.

Marshall AG, Kissin I, Reves JG, **Bradley EL**, Blackstone EH (1983): Interaction between negative inotropic effects of halothane and nifedipine in the isolated rat heart. *Journal of Cardiovascular Pharmacology*, 5:592-597.

Hsieh S, Navia JM, **Bradley EL** (1983): Biological assay for zinc availability in wheat germ. *Science of the Total Environment*, 28:393-398.

Kansal S, Roitman D, **Bradley EL**, Sheffield LT (1983): Enhanced evaluation of treadmill tests by means of scoring based on multivariate analysis and its clinical application: a study of 608 patients. *American Journal of Cardiology*, 52(10): 1155-1160.

Fox LS, Blackstone EH, Kirklin JW, Bishop SP, Bergdahl LAL, **Bradley EL** (1984): Relationship of brain blood flow and oxygen consumption to perfusion flow rate during profoundly hypothermic cardiopulmonary bypass. *Journal of Thoracic and Cardiovascular Surgery*, 87(5):658-664.

Rodgers-Neame NT, **Bradley EL**, Blackwell RE (1984): Long-term monolayer culture of human anterior pituitary cells: Functional validation of a method. *Fertility and Sterility*, 41(1):75-80.

Edwin L. Bradley, Jr., PhD  
 Curriculum Vitae  
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PUBLICATIONS (Continued):

Ostrom CA, Koulourides T, Retief DH, **Bradley EL** (1984): Enamel fluoride uptake and acid resistance in subjects with high and low experimental cariogenicity. *Journal of Dental Research*, 63(2):133-136.

Retief DH, **Bradley EL**, Denton JC, Switzer P (1984): Enamel and cementum fluoride uptake from a glass ionomer cement. *Caries Research*, 18:250-257.

Retief DH, Brown R, Harris BE, **Bradley EL** (1984): Fluoride distribution in enamel and cementum of human fluorosed and nonfluorosed mandibular molar teeth. *Journal of the Dental Association of South Africa*, 39:237-240.

Bradley DH, **Bradley EL**, Naftel DC (1984): A generalized Gompertz-Rayleigh model as a survival distribution. *Mathematical Biosciences*, 70(2):195-202.

Gelman S, Rimerman V, Fowler KC, Bishop SP, **Bradley EL** (1984): The effect of halothane, isoflurane, and blood loss on hepatotoxicity and hepatic oxygen availability in phenobarbital-pretreated hypoxic rats. *Anesthesia and Analgesia*, 63:965-72.

Pretlow TP, Boohaker EA, Pitts AM, Macfadyen AJ, **Bradley EL**, Pretlow TG (1984): Heterogeneity and subcompartmentalization in the distribution of eosinophils in human colonic carcinomas. *Am J Pathol*, 116:207-213.

Gross JD, Retief DH, **Bradley EL** (1984): An optimal concentration of phosphoric acid as an etching agent. Part II. Microleakage studies. *Journal of Prosthetic Dentistry*, 52(6):786-789.

Marshall WG, Kouchoukos NT, Pollock SB, **Bradley EL** (1984): Early results of valve replacement with the Bjork-Shiley convexoconcave prosthesis. *Annals of Thoracic Surgery*, 37(5): 398-403.

Gottlieb EW, Retief DH, **Bradley EL** (1985): Microleakage of conventional and high-copper amalgam restorations. *Journal of Prosthetic Dentistry*, 53(3):355-361.

Gross JD, Retief DH, **Bradley EL** (1985): Microleakage of posterior composite restorations. *Dental Materials*, 1:7-10.

**Bradley EL** (1985): Overlapping coefficient in *Encyclopedia of Statistical Sciences*, Vol. 6. S. Kotz, N.L. Johnson, C.B. Read, Editors. John Wiley and Sons: New York.

Menkhaus PG, Reves JG, Kissin I, Alvis JM, Govier AV, Samuelson PN, Lel, WA, Henling CE, **Bradley EL** (1985): Cardiovascular effects of esmolol in anesthetized humans. *Anesthesia and Analgesia*, 64:327-334.

Tverskoy M, Gelman S, Fowler KC, **Bradley EL** (1985): Influence of fentanyl and morphine on intestinal circulation. *Anesthesia and Analgesia*, 64:577-584.

Rodgers-Neame N, Duncan SF, **Bradley EL**, Blackwell RE (1985): In vitro and in vivo evaluation of latex condoms using a two-phase nonoxynol 9 system. *Fertility and Sterility*, 43 (6):931-936.

Tverskoy M, Gelman S, Fowler KC, **Bradley EL** (1985): Intestinal circulation during inhalation anesthesia. *Anesthesiology*, 62:462-469.

Edwin L. Bradley, Jr., PhD  
 Curriculum Vitae  
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PUBLICATIONS (Continued):

Retief DH, Summerlin DJ, Harris BE, **Bradley EL** (1985): An evaluation of three procedures for fluoride analysis. *Caries Research*, 19:248-254.

Bryant S, Retief DH, **Bradley EL**, Denys FR (1985): The effect of topical fluoride treatment on enamel fluoride uptake and the tensile bond strength of an orthodontic bonding resin. *American Journal of Orthodontics*, 87(4):294-302.

Retief DH, Harris BE, **Bradley EL**, Denys FR (1985): Pyruvic acid as an etching agent in clinical dentistry. *Journal of Biomedical Materials Research*, 19:335-348.

Retief DH, Harris BE, **Bradley EL** (1985): In vitro enamel fluoride uptake from topical fluoride agents. *Dental Materials*, 1:93-97.

Tverskoy M, Gelman S, Fowler KC, **Bradley EL** (1985): Effects of anesthesia induction drugs on circulation in denervated intestinal loop preparation. *Can Anesth Soc J*, 32 (5):516-524.

Pretlow TG, Harris BE, **Bradley EL**, Bueschen AJ, Lloyd KL, Pretlow TP (1985): Enzyme activities in prostatic carcinoma related to Gleason grades. *Cancer Research*, 45:442-446.

Person DL, Kissin I, Brown PT, Xavier AV, Vinik HR, **Bradley EL** (1985): Morphine-caffeine analgesic interaction in rats. *Anesthesia and Analgesia*, 64:851-856.

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RECENT LEGAL TESTIMONY (Last Four Years):

Johnny Reynolds et al vs. Alabama Department of Transportation:CV-85-T-665-N (1991-2003): US District Court for the Middle District of Alabama, Northern Division, Judge Myron Thompson. Robert Wiggins, plaintiff attorney. Race discrimination in hiring and promotions. Deposition and trial testimony.

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- ❖ Who's Who in American Colleges & Universities, 1991

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### Publications

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